MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

November, 1945

ROBERT W. SLOANE, DIRECTOR

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WEATHER BUREAU

NOVEMBER 1945

METEOROLOGICAL REGISTER

Date	Barometer reduced to OC Sea level and 45 Latitude 700 mm. + ...				Thermometer Cent.					
	8.30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	63.5	62.6	63.3	63.1	25.4	18.5	19.9	25.1	23.1	22.7
2	3.6	2.2	2.1	2.6	24.0	17.3	22.8	23.9	18.9	21.9
3	2.2	0.6	2.1	1.6	24.2	19.1	22.2	23.8	20.3	22.1
4	2.7	1.8	2.9	2.5	24.6	19.6	22.8	24.1	20.1	22.5
5	3.9	2.5	3.1	3.2	25.1	18.8	22.8	24.8	20.4	22.7
6	64.0	62.9	63.7	63.5	24.1	17.9	22.9	23.7	20.8	22.5
7	3.9	2.7	3.1	3.2	23.9	17.8	20.1	23.4	19.3	20.9
8	2.7	0.4	0.6	1.2	23.1	18.3	20.8	22.4	20.4	21.2
9	1.9	1.9	3.0	2.3	23.3	17.3	21.4	22.8	18.9	21.0
10	3.4	0.8	59.3	1.2	23.7	20.1	20.4	22.5	21.1	21.3
11	61.6	61.0	61.3	61.3	24.7	17.4	23.2	24.4	18.9	22.5
12	0.9	0.0	0.5	0.5	23.1	18.1	21.3	22.8	19.1	21.1
13	2.7	1.6	2.4	2.2	23.1	18.3	21.1	22.4	21.1	21.5
14	3.5	2.5	2.6	2.9	25.3	19.0	21.6	23.8	19.1	21.5
15	0.0	57.5	57.1	58.2	27.2	21.2	25.9	25.0	22.8	24.6
16	64.5	54.3	55.2	54.7	26.3	15.3	23.8	23.8	19.7	22.4
17	55.9	5.9	5.7	5.8	18.3	15.7	17.7	16.0	17.9	17.2
18	6.9	7.6	60.3	8.3	20.5	16.2	18.3	19.1	17.6	18.3
19	61.3	9.5	0.1	60.3	20.7	16.9	18.7	19.9	19.6	19.4
20	1.6	61.0	2.0	1.5	18.9	15.3	17.3	18.9	17.8	18.0
21	64.1	63.2	63.6	63.6	18.4	12.7	17.2	18.3	16.6	17.4
22	4.5	2.9	3.3	3.6	18.6	13.9	15.6	17.8	16.6	16.7
23	2.5	1.2	1.1	1.6	20.3	15.6	16.7	19.7	16.8	17.7
24	0.7	59.7	0.6	0.3	21.2	16.2	17.8	21.1	17.3	18.7
25	2.7	61.7	2.8	2.4	21.3	15.9	18.9	21.1	17.8	19.3
26	63.1	62.1	61.7	62.3	21.4	16.8	18.9	20.5	17.6	19.0
27	0.9	59.1	59.1	59.7	22.3	16.9	19.2	22.3	18.3	19.9
28	58.1	5.5	4.6	6.1	22.2	17.5	18.8	21.8	18.2	19.6
29	4.3	3.0	4.0	3.8	23.4	13.4	22.3	23.2	19.9	21.8
30	5.4	6.1	6.4	6.0	18.8	10.7	14.4	14.7	13.7	14.3
	61.23	60.12	60.58	60.65	22.58	16.92	20.16	21.77	19.02	20.32

Barometer, range for month 753.0 — 764.5 mm.
,, 62-yr. average for month 762.79 mm.
Thermometer, range for month 10.7°C. — 27.2°C
,, 62-yr. average for month 19.85° C.
Rain, total for month 90.44 m.m.
,, 62-yr. average for month 127.51 m.m.
,, Total, Sept. 1st. to end of month 94.23 mm.
,, 62-yr. average, Sept. 1st. to end of month 183.39 mm.

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Date	Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	9.7	13.3	11.8	11.6	55	57	57	56	9.0	266.0	
2	13.3	14.3	12.9	13.5	65	64	79	69	9.0	280.0	
3	11.5	12.2	12.5	12.1	57	56	71	61	9.2	710.0	
4	11.5	12.2	12.2	12.0	56	54	70	60	9.1	174.0	
5	12.5	14.6	12.5	13.2	60	63	70	64	9.0	262.0	
6	13.3	14.2	12.7	13.4	65	65	70	67	9.8	330.0	
7	12.7	12.6	12.6	12.6	72	59	75	69	9.4	193.0	
8	12.2	13.0	12.9	12.7	66	64	72	67	9.4	158.0	
9	13.3	12.6	11.9	12.6	70	61	74	68	9.5	168.0	
10	12.0	12.8	12.1	12.3	67	63	65	65	9.3	420.0	
11	14.3	16.2	14.7	15.1	68	71	86	75	9.8	537.0	0.51
12	14.6	14.3	13.4	14.1	77	70	82	76	9.6	167.0	
13	12.1	13.5	13.9	13.2	65	67	74	69	9.5	542.0	
14	12.9	14.3	12.5	13.2	67	65	76	69	9.5	399.0	
15	7.6	14.3	9.3	10.4	40	61	45	49	8.4	322.0	
16	12.3	14.9	11.9	13.0	55	68	70	64	6.8	550.0	1.02
17	9.9	11.0	11.6	10.8	66	82	76	75	5.4	786.0	10.92
18	11.5	13.6	11.9	12.3	74	83	80	79	4.3	151.0	3.06
19	11.3	13.3	11.5	12.0	70	77	68	72	4.5	488.0	6.60
20	11.9	11.3	10.2	11.1	81	70	67	73	6.3	905.0	8.12
21	8.4	8.0	8.3	8.2	58	51	60	56	9.4	446.0	
22	8.6	10.3	8.9	9.3	65	68	64	66	9.7	340.0	
23	8.2	9.9	8.7	8.9	58	58	61	59	9.1	270.0	
24	10.0	12.2	10.6	10.9	65	66	72	68	8.8	96.0	
25	11.1	11.5	11.6	11.4	69	62	76	69	9.3	109.0	
26	11.1	11.6	10.0	10.9	69	69	67	68	9.4	77.0	
27	10.8	12.3	11.3	11.5	66	61	73	67	9.3	82.0	
28	11.7	11.7	11.5	11.6	73	60	75	69	9.3	249.0	
29	9.6	10.6	10.5	10.2	48	50	60	53	4.0	583.0	
30	10.8	11.3	9.8	10.6	88	91	84	88	0.0	1365.0	60.21
	11.35	12.59	11.54	11.82	65.1	65.2	70.6	67.0	8.17	380.83	3.01

Height of Barometer above sea level: 33.7 meters.
„ „ Thermometers above ground:
Dry and wet 1.55 m.: Max. 1.75 m.: Min. 1.70 m.
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of reading minus 2 hours equals G.C.T.
62 year averages are for period, 1875-1936

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METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	0	0	0	0.0	0	1n	0	sight	Summer time ends
2	0	0	0	0.0	1sw	1sw	0	light	
3	1cu	1cu	8cu	3.3	2sw	2sw	1sw	slight	
4	7cu	1ci	1ci	3.0	0	1sw	0	light	
5	8ci-cu	1ci	0	3.0	1e	1n	0	„	
6	1ci	2cu	3cu	2.0	0	1w	1sw	calm	
7	1cu	0	0	0.3	0	1sw	0	„	
8	0	1ci	0	0.3	0	1n	0	light	
9	0	0	0	0.0	1se	1n	0	„	
10	0	0	0	0.0	0	1sw	1sw	„	Tr. p. m.
11	0	0	0	0.0	1sw	1sw	0	slight	
12	0	0	0	0.0	0	1w	0	light	
13	0	8cu-ci	0	2.7	0	1sw	1sw	„	
14	0	10ci-cu	3ci	4.3	0	1ne	1n	slight	
15	8cu-ci	9cu	0	5.7	1e	0	0	light	
16	8ci-cu	9cu	10cu	9.0	1e	2w	0	slight	
17	9cu	10ni	10ni	9.3	3sw	2sw	1sw	„	
18	10cu	10cu	3cu	7.7	0	1w	0	mod.	
19	8cu	10ni	10cu-ni	9.3	0	2w	3sw	slight	
20	10cu-ni	5cu	8cu	7.7	1w	2w	2nw	mod.	
21	3cu	0	0	1.0	0	2n	3n	slight	
22	0	0	0	0.0	1n	1n	2n	„	
23	1ci	5st-cu	1cu	2.3	1sw	1ne	0	„	
24	7cu-ci	9cu	0	5.3	0	1n	0	light	
25	0	0	0	0.0	0	1n	0	„	
26	0	0	0	0.0	0	1n	0	light	
27	5ci	7cu-ci	0	4.0	0	1nw	0	„	
28	0	8ci-cu	2cu	3.3	0	1nw	0	„	
29	10cu	9cu-ni	2cu	7.0	2sw	2sw	1nw	slight	
30	10ni	10ni	10ni	10.0	1sw	3sw	4sw	rough	G. at night
				3.35					

* Abbreviations :— G = gale ; H = haze ; M = mist ; T = thunderstorm ; D = dew.
W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	1	0	3	1	0	7	1	0	17	30
14:30	9	2	0	0	0	10	6	2	1	30
20:30	3	0	0	0	0	7	0	2	18	30
Totals	13	2	3	1	0	24	7	4	36	90

Number of days with rain 7, fog 0, thunderstorms 0, gale 1.

62 yr. av. days with rain during month 9.3 days